



**California Air Resources Board
Refrigerant Management Program (RMP)
Refrigerant Registration and Reporting System (R3)
Updates and User Training**

December 13, 2012

Agenda



- Overview: Refrigerant Management Program (RMP)
- Overview: Refrigerant Registration and Reporting (R3) System
- Demonstration: Service Records Data Entry
- Demonstration: Annual Report Submittal and Fee Payment
- Questions



Overview

Refrigerant Management Program (RMP)

RMP Program Overview



- AB 32 Regulation - Adopted December 2009
- In effect since January 1, 2011
 - Registration and Reporting phased in
- Complements existing federal and local rules
 - Federal Rule 608 and SCAQMD Rule 1415.1
- Focuses on leak inspection & repair
- Repairing leaks can save businesses money

RMP Program Overview

Applicability



- Any stationary, non-residential facility with a refrigeration system that uses more than 50-lbs of a high-GWP refrigerant (excludes comfort cooling)
- Any distributor, wholesaler, reclaimer, who sells or reclaims high-GWP refrigerant
- Any person who installs, services, or repairs a high-GWP gas refrigeration or a/c system

RMP Overview

Key Requirements



- As of January 1, 2011, all RMP facilities must:
 - Conduct periodic leak inspections
 - Repair leaks within 14 days of detection
 - Keep records of service and refrigerant transactions
 - Follow required service practices
- Proper refrigerant sale, use and disposal
- Facilities register, report, and submit fees to ARB
 - Phased in beginning 2012

RMP Overview

Phase-In Schedule



**Beginning 2011
for all Facilities**

- Follow Required Best Management Practices
- Recordkeeping

**Due Annually
By March 1**

- Large Systems (≥ 2000 lbs.) register, report and pay \$370 fee
- Distributors, wholesalers, reclaimers report

**Due Annually
By March 1
Beginning 2014**

- Medium systems (200-2000 lbs.) register, report and pay \$170 fee

**Due by
March 1, 2016**

- Small systems (50-200 lbs.) register



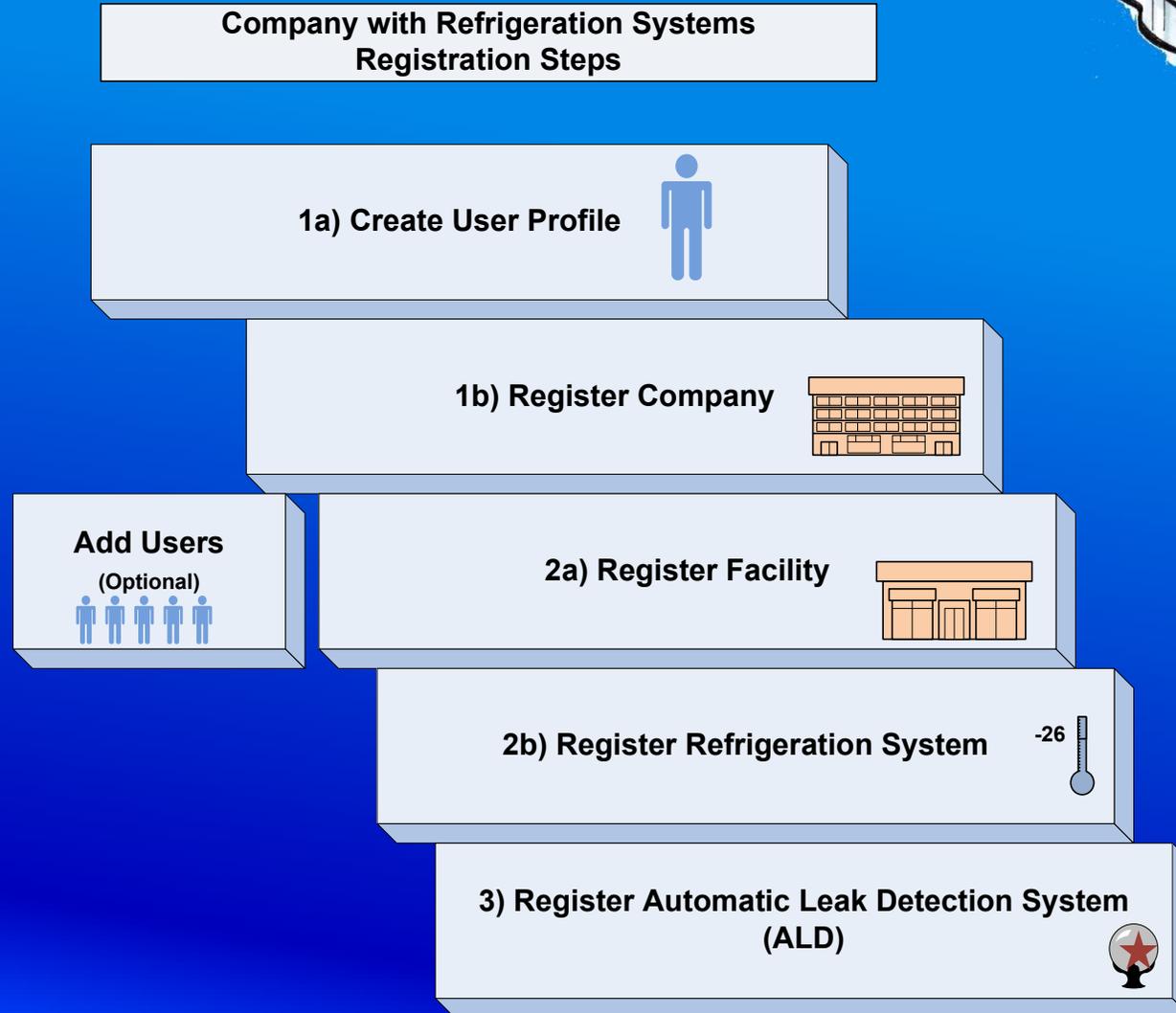
Overview

Refrigerant Registration and Reporting System (R3)

<http://www.arb.ca.gov/rmp-r3>

R3 Overview

Registration Workflow



R3 Overview

Service Records Data Entry Workflow



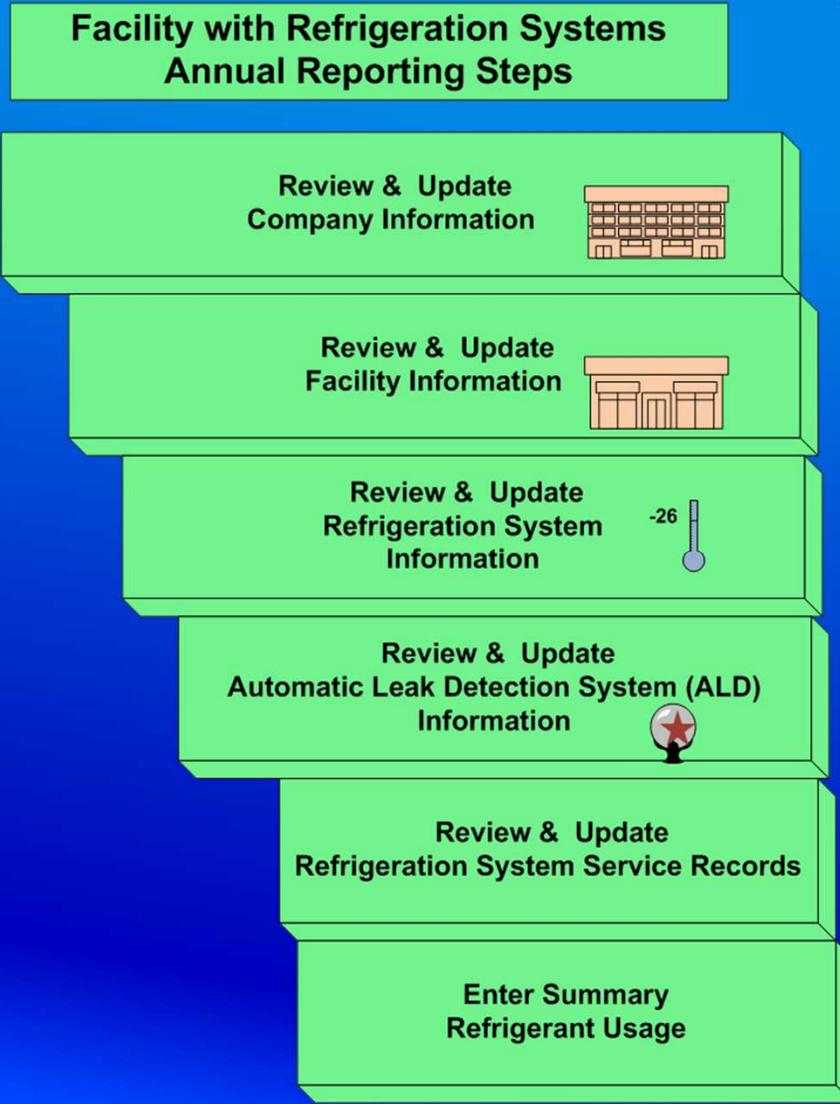
- Enter Service Records
 - Leak inspections, leak repairs, other maintenance
 - ALD audits, calibrations, repairs, etc.
 - Batch upload data from refrigerant management software
- Medium facilities may enter service records now in preparation for registering and reporting in 2014

R3 Overview

Annual Reporting Workflow



Distributors/Wholesalers/Reclaimers
skip all steps below
Review & Update Facility Information

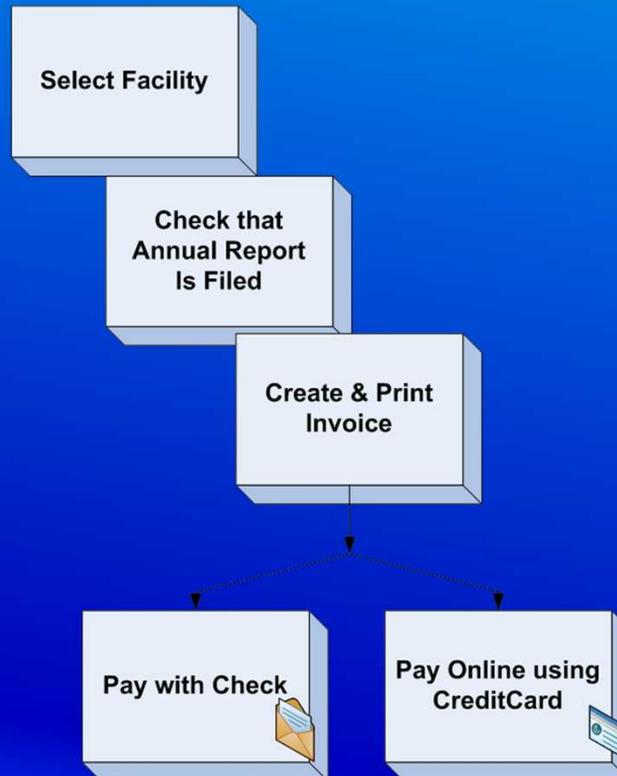


R3 Overview

Annual Fee Payment Workflow



Company with Refrigeration Systems Annual Payment Steps



R3 Overview

User Reports



- Reports can be printed from the R3
 - Facility and system leak rates
 - Refrigerant losses
 - Facility and system leak repair history
 - Inspections by enforcement agencies

R3 Overview

Common Mistakes and Solutions



- Incomplete registration
 - Enter all facility, refrigeration system, or ALD information
- Service records not entered
 - Need to include leak inspections, leak repairs, ALD servicing, and other maintenance affecting refrigerant in the circuit
- Annual refrigerant usage not entered correctly on the Annual Report
 - Report the annual summary of refrigerant purchased and used
- Invoice not created and/or sent with payment
 - Print and send a copy of the invoice along with the check to ARB at the address on the invoice



Demonstration

Refrigerant Registration and Reporting System (R3)

Service Records Data Entry

Annual Report Submittal and Fee Payment



QUESTIONS?

Resources



- Website

- R3 tool website:

www.arb.ca.gov/rmp-r3

- RMP Program website:

www.arb.ca.gov/stoprefrigerantleaks

www.arb.ca.gov/cc/reftrack/reftrack.htm

- Hotline

(916) 324-2517

- Email

reftrackinfo@arb.ca.gov

- Listserve

Sign up on website

ARB Contacts



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